673856
HOL 93M/2E

ROCK TYPES

H-1A Typical ~~the~~ crowded qtz monzonit porphyry ; ~~a~~ more porphyritic near contact, (this sample) quite magnetic, some posturing ; postures filled with magnetite ; biotite and hornblend

H-1B hornfels ~~of~~ across contact ; originally siltstones to shales, fractured ⇒ pyrit, molybdenum, chalcopyrite. (from outcrop) ; Outcrops very weathered and difficult to get good sample ; few occurances of country rock in o/c ; This rock is probably typical of I.P. anomalous areas.

H-2 hornfels

H-3 non typical porphyritic qtz monzonit ; away from contact and not as porphyritic as H-1A

H-6 - postured qtz monzonit porpyry
- filled with K-spar, qtz epidote ; postures were open and that is where small qtz crystals have grown

H-6A - some copper mineralization associated with above silicic posture filling

H-7 typical porphyritic qtz monzonit cut by later porphyritic phase

H-8 porphyritic dyke cutting hornfels mineralized with chalcopyrit, pyrit and ~~magnetite~~ apatite ; ~~phenocrysts~~ phenocrysts are well defined ; probably represents apatite phase carrying mineralization ; biotite and no hornblend

H-9 ~~of~~ rhyolite tuff

H-10 rhyolite flow - qtz eyes but containing pyroclastic fragments

H-11 (3 samples) Iron zone of most intensely fractured porphyritic qtz monzonite → spec. hematite and magnetite filling fractures not silicic fracture fillings

H-11A to west 100'-200' qtz in fracture fillings along with pyrite

H-11B some fractures contain fair amount of fine grained moly

H-11C - qtz mong. por.; little disseminated pyrite, ditto accounts for I.P. frequency effect 3-4%

H-15 qtz monzonite - less porphyritic near to main mass of intrusion

H-16 - near center of intrusion - granitic texture

H-18 - rhyolite tuff

H-19 - dyke of latite porphyritic phase carrying fragments of qtz monzonite porphyry

H-F-1 float; originated near contact; fine grained chilled margin; fragments of thermally metamorphosed shale; fragment of massive sulphide - pyrrhotite, chalcopyrite

H-F2 chilled margin and country rock fragments